PAT-NO: JP361111333A

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TITLE: PRODUCTION OF WET FRICTION MATERIAL COMPOSITION

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INVENTOR-INFORMATION:

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ASSIGNEE-INFORMATION:

NAME	COUNTRY
TOSHIBA TUNGALOY CO LTD	N/A

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ABSTRACT:

PURPOSE: To produce the titled composition excellent in elasticity, seizuring resistance, durability, a coefficient of friction, etc., by mixing a lubricant, a mineral substance, a friction modifier and a fiber all of which are coated or impregnated with a rubber material with a specified binder.

CONSTITUTION: A lubricant component (B) such as graphite, MoS2 or lead, a mineral substance (C) comprising a hard material of a Mohs, hardness ≥4, a friction modifier (D) such as BaSO4, CaCO3 or MgCO3 or a fiber (E) such as pulp fiber, **carbon fiber** or aromatic polyamide fiber are coated or impregnated with a **rubber** material (A) selected from among nitrile **rubber, acrylonitrile/ butadiene** copolymer **rubber,** styrene/butadiene copolymer **rubber,** fluororubber, etc. At least 5wt% at least one component selected from among 70wt% or below component B, 30wt% or below component C, 25wt% or below component D and 80wt% or below component E is mixed with 5□50wt% heat-resistant binder (F) such as phenolic resin or **epoxy** resin so that the resulting composition may contain 2□80wt% component A.